

**CLAIMS****WHAT IS CLAIMED IS:**

- 5    1. A method comprising:
  - 1    determining that blob data in a source field is associated with a first coded character set identifier;
  - 2    determining a second coded character set identifier for a target field; and
  - 3    replicating the blob data from the source field to the target field based on the first coded character set identifier and the second coded character set identifier.
- 10    2. The method of claim 1, wherein the target field has an associated type of character.
- 15    3. The method of claim 1, wherein the first coded character set identifier specifies a character set, a code page, and an encoding scheme.
- 20    4. The method of claim 3, wherein the character set is DBCS.
- 25    5. The method of claim 1, wherein the second coded character set identifier specifies a character set, a code page, and an encoding scheme.
- 30    6. The method of claim 6, wherein, wherein the encoding scheme is UTF-8.
7. A signal-bearing medium encoded with instructions, wherein the instructions when executed by a processor comprise:
  - 1    determining that blob data in a source field is associated with a first coded character set identifier;
  - 2    determining a second coded character set identifier for a target field, wherein the target field has an associated type of character; and
  - 3    replicating the blob data from the source field to the target field based on the first coded character set identifier and the second coded character set identifier.

8. The signal-bearing medium of claim 7, wherein the first coded character set identifier specifies a character set, a code page, and an encoding scheme.

5 9. The signal-bearing medium of claim 8, wherein the character set is DBCS.

10. The signal-bearing medium of claim 7, wherein the second coded character set identifier specifies a character set, a code page, and an encoding scheme.

10 11. The signal-bearing medium of claim 10, wherein, wherein the encoding scheme is UTF-8.

12. A signal-bearing medium encoded with a data structure, wherein the data structure comprises:

15 a source field including a data type; and  
an attribute for the data type, wherein a replication controller is to  
determine whether data associated with the data type is blob,  
determine a source coded character set identifier associated with the data type, wherein the source coded character set identifier specifies a source character set, a source code page, and a source encoding scheme, and  
20 replicate the data to a target field based on the source coded character set identifier and a target coded character set identifier.

13. The signal-bearing medium of claim 12, wherein the target field has an associated  
25 type of character.

14. The signal-bearing medium of claim 12, wherein the source character set is DBCS.

15. The signal-bearing medium of claim 12 wherein the target coded character set  
30 identifier specifies a target character set, a target code page, and a target encoding scheme.

16. The signal-bearing medium of claim 15, wherein, wherein the target encoding scheme is UTF-8.

5 17. An electronic device comprising:

a processor; and

a storage device encoded with instructions that when executed on the processor comprise:

determining that blob data in a source field is associated with a source

10 coded character set identifier, wherein the source coded character set identifier specifies a source character set, a source code page, and a source encoding scheme,

determining a target coded character set identifier for a target field,

15 wherein the target field has an associated type of character, and wherein the target coded character set identifier specifies a target character set, a target code page, and a target encoding scheme, and

replicating the blob data from the source field to the target field based on the source coded character set identifier and the target coded character set identifier.

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18. The electronic device of claim 17, wherein the source character set is DBCS.

19. The electronic device of claim 17, wherein, wherein the encoding scheme is UTF-8.

25 20. The electronic device of claim 17, wherein the source field is in a source relational database and the target field is in a target relational database.